

A method, system and computer program product for creating a virtual network identity, by using a virtual IP address and hostname, in a software application for the express purpose of making the application node-independent (where node is defined as a particular machine running a given operating system at a specific moment in time) is disclosed. By virtualizing the IP address and hostname, a running software application can be moved from one node to another within a computer network, allowing for process migration and the reallocation of system resources.

1. The first step is to identify the problem. This involves understanding the current situation and what needs to be changed.